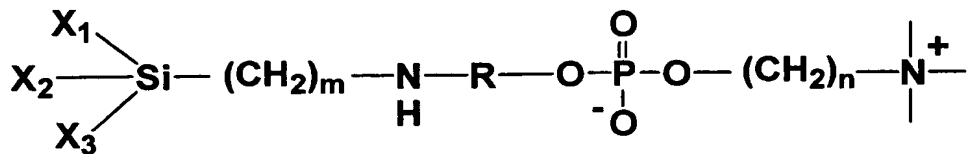


ABSTRACT

A phosphorylcholine group-containing chemical compound represented by the following formula (1).



(1)

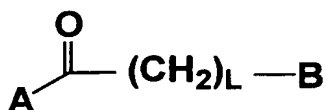
In this formula, m denotes 2-6 and n denotes 1-4.

X_1 , X_2 , and X_3 , independent of each other, denote a methoxy group, ethoxy group, or halogen. Up to two of X_1 , X_2 , and X_3 can be any of the following groups: a methyl group, ethyl group, propyl group, isopropyl group, butyl group, or isobutyl group.

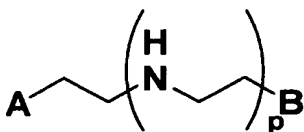
R is one of the structures in the following formulas (2)-(4) (the chemical compound of formula (1) in the structures of the following formulas (2)-(4) is expressed as A-R-B).

A—(CH₂)_L—B

(2)



(3)



(4)

5 In formulas (2)-(4), L is 1-6, P is 1-3.

Also a surface modifier consisting of the
aforementioned phosphorylcholine group-containing
chemical compound, modified powder treated with
said surface modifier, a chromatography packing
10 consisting of a modified carrier treated with said
surface modifier, a filter treated with said
surface modifier, and a glass device treated with
said surface modifier.